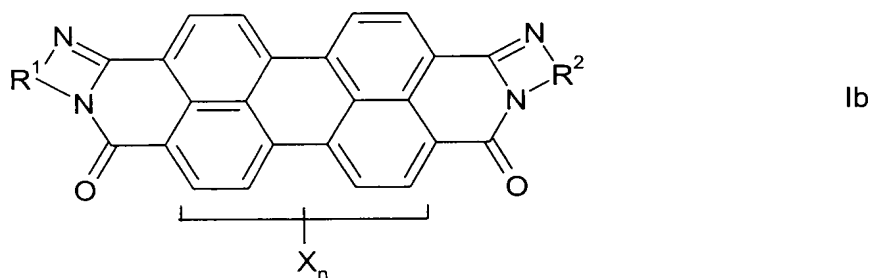
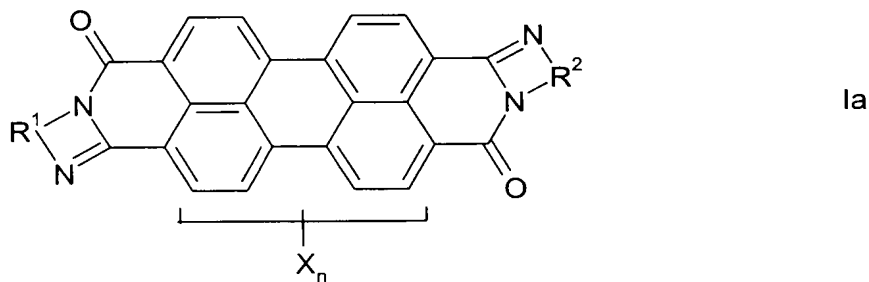


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A black perylene pigment, comprising -which
~~comprises one of the isomers of the~~ an isomer according to formula Ia, -or an isomer
according to formula Ib, or a mixture thereof



~~in which~~ wherein:

R¹, R² are each independently phenylene, naphthylene or pyridylene, each of which may be mono- or polysubstituted by C₁-C₁₂-alkyl, C₁-C₆-alkoxy, hydroxyl, nitro and/or halogen;

X is halogen;

n is from 0 to 4; and

~~or comprises a mixture of both isomers and~~ the pigment has a blackness value ≥ 210
when provided in an alkyd/melamine baking varnish.

Claim 2 (Currently Amended): The perylene pigment according to claim 1, ~~in which~~
~~the~~ wherein:

~~R¹ and R² radicals are the same and~~ are each selected from the group consisting of
unsubstituted phenylene or and naphthylene; and

R¹ and R² are the same.

Claim 3 (Currently Amended): A process for preparing the perylene pigments
pigment according to claim 1, ~~which comprises comprising:~~

obtaining a crude perylene pigment; and

subjecting the the crude perylene pigments-pigment to a treatment selected from the
group consisting of: obtained in the synthesis

a) ~~to a comminution and, if desired, to a recrystallization in a liquid medium or;~~

b) comminution and recrystallization in a liquid medium; and

b)c) ~~to a comminution with simultaneous recrystallization.~~

Claim 4 (Currently Amended): The process according to claim 3, wherein the crude
~~pigments are pigment is~~ subjected to a high-energy powder grinding.

Claim 5 (Currently Amended): The process according to claim 3, wherein the crude
~~pigments are pigment is~~ initially subjected to a dry grinding in the presence or absence of a
salt as a grinding assistant and then to a recrystallization in an organic solvent, if desired in a
mixture with water, under hot conditions.

Claim 6 (Currently Amended): The process according to claim 3, wherein the crude
~~pigments are pigment is~~ subjected to kneading under hot conditions in the presence of an
organic solid having recrystallizing action and of an inorganic salt.

Claim 7 (Currently Amended): The process according to claim 3, wherein the crude ~~pigments are pigment is~~ subjected to an aqueous wet grinding in the presence of an organic solvent having recrystallizing action.

Claim 8 (Currently Amended): A process for preparing perylene pigments according to claim 1, ~~which comprises comprising:~~

obtaining a crude perylene pigment; and

subjecting the crude perylene pigment~~pigments obtained in the synthesis, if desired after a comminution,~~ to a swelling in a concentrated acid.

Claim 9 (Currently Amended): The process according to claim 3, wherein obtaining the crude ~~pigments are prepared by pigment comprises:~~

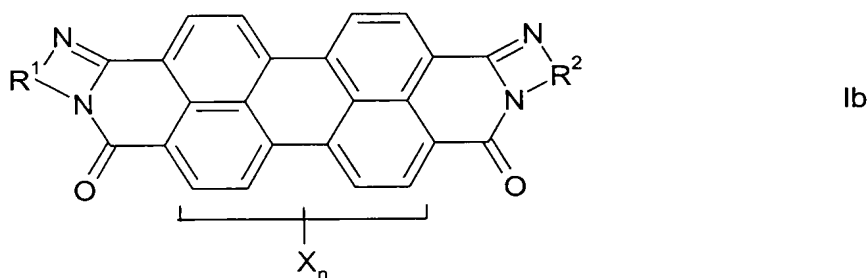
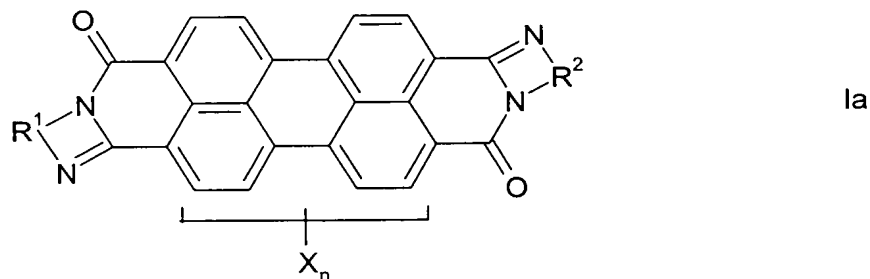
condensing perylene-3,4:9,10-tetracarboxylic dianhydride with an aromatic ortho- or peri-diamine ~~which has the arylene radical R¹ or R² and if desired X radicals,~~ and

subsequently cyclizing in the presence of phenol or a nitrogen-containing, nonfused heteroaromatic;

wherein the aromatic ortho- or peri-diamine comprises at least one member selected from the group consisting of R¹ and R².

Claim 10 (Currently Amended): The process according to claim 3, ~~which~~ wherein the process is carried out in the presence of a pigment synergist and/or a pigment additive.

Claim 11 (Currently Amended): A process for preparing a crude perylene pigments pigment ~~which comprise one of the comprising an isomers isomer~~ of the formula Ia, ~~an or isomer of the formula Ib, or a mixture thereof~~



~~in which~~wherein:

R^1 , R^2 are each independently phenylene, naphthylene or pyridylene, each of which may be mono- or polysubstituted by C_1 - C_{12} -alkyl, C_1 - C_6 -alkoxy, hydroxyl, nitro and/or halogen;

X is halogen; and

n is from 0 to 4;

~~or a mixture of both isomers, by~~ the process comprising:

condensing perylene-3,4,9,10-tetracarboxylic dianhydride with an aromatic ortho-diamine ~~which has the arylene radical R1 or R2;~~ and

subsequently cyclizing;

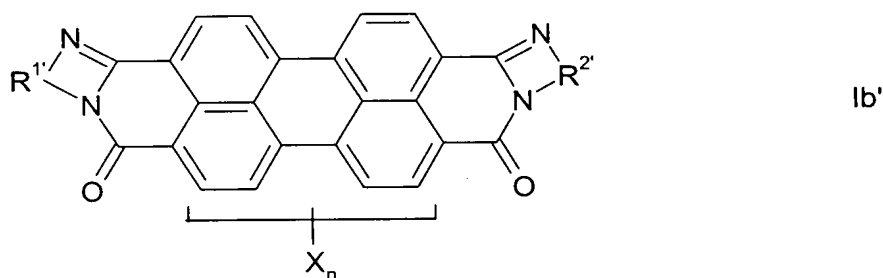
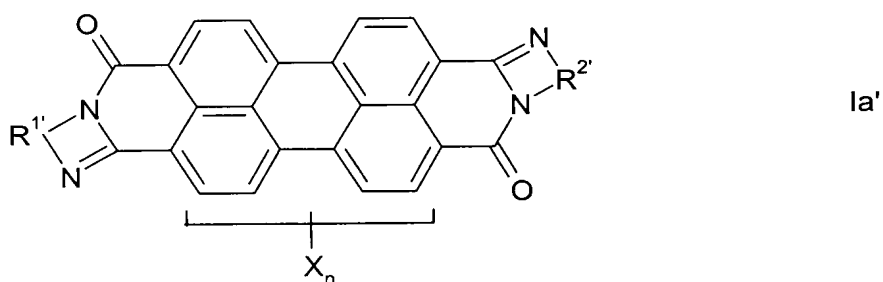
wherein:

the aromatic ortho- or peri-diamine comprises at least one member selected from the group consisting of R^1 and R^2 ; and

~~, which comprises carrying out condensation and cyclization~~ condensing and cyclizing are carried out in phenol or a nitrogen-containing, nonfused heteroaromatic as a reaction medium.

Claim 12 (Currently Amended): The process according to claim 11, ~~which is undertaken wherein the process is carried out~~ in the presence of a pigment synergist and/or a pigment additive.

Claim 13 (Currently Amended): A pigment synergist ~~based on one of the isomers,~~ comprising an isomer of the formula Ia', ~~or an isomer of the formula Ib',~~ or a mixture thereof



~~in which~~ wherein:

R^{1'}, R^{2'} are each independently phenylene, naphthylene or pyridylene, each of which is mono- or polysubstituted by -COO- M⁺, -COOR³, -CONR³R⁴,

-COO- N⁺R³R⁴R⁵R⁶, -SO₂NR³R⁴, -CH₂NR³R⁴, -CH₂N⁺R³R⁴R⁵R⁶ R³-COO⁻ and/or -CH₂R⁷, and may additionally be mono- or polysubstituted by C₁-C₁₂-alkyl, C₁-C₆-alkoxy, hydroxyl, nitro and/or halogen;

R³, R⁴, R⁵, R⁶ are each independently hydrogen; C₁-C₁₂-alkyl or C₂-C₁₂-alkenyl whose hydrocarbon chain may in each case be interrupted by one or more -O-, -S-, -NR⁸-, -CO- or -SO₂- moieties, and/or be mono- or polysubstituted by hydroxyl, halogen, aryl, C₁-C₄-alkoxy

and/or acetyl; C₃-C₈-cycloalkyl whose carbon skeleton may be interrupted by one or more -O-, -S-, -NR⁸- or -CO- moieties, and/or be substituted by acetyl;

R⁷ is phthalimidyl;

R⁸ is hydrogen or C₁-C₈-alkyl;

M⁺ is hydrogen or a metal cation;

X is halogen; and

n is from 0 to 4,

~~or on a mixture of both isomers.~~

Claim 14 (Currently Amended): ~~The A method, comprising:~~
~~of using of perylene pigments according to claim 1 for coloring high molecular~~
weight organic and inorganic materials of natural and synthetic origin with the perylene
pigment according to claim 1.

Claim 15 (Currently Amended): The process according to claim 14, wherein the high
molecular weight organic and inorganic materials are selected from the group consisting of
coatings, inks ~~including printing inks~~, toners, polymers, paints, plastics articles, glasses,
silicatic layer systems and organic-inorganic composites ~~are colored~~.

Claim 16 (Currently Amended): ~~The A method of using perylene pigments according~~
~~to claim 1 for, comprising:~~
coloring plastics articles ~~which~~ that are used for laser penetration welding with the
peryene pigment according to claim 1.

Claim 17 (Currently Amended): ~~The A method of using perylene pigments according to claim 1 for, comprising:~~

coloring leather ~~and or~~ leather-like materials with a perylene pigment according to claim 1.

Claim 18 (Currently Amended): ~~The A method of using perylene pigments according to claim 1 as, comprising:~~

incorporating the perylene pigment according to claim 1 into a charge-generating material for electrophotography and as or a constituent of the a black matrix in an LC displaysdisplay.

Claim 19 (Currently Amended): ~~The A method of using perylene pigments according to claim 1 for, comprising:~~

incorporating the perylene pigment according to claim 1 into a ~~preparing~~ water-, polymer- or polyolefin wax-based pigment ~~preparations~~preparation.

Claim 20 (New): The process according to claim 5, wherein recrystallization is carried out in a mixture of the organic solvent and water.

Claim 21 (New): The process according to claim 8, wherein swelling is carried out subsequent to comminution.